
Sectional specification: Display storage tubes

Sectional Specification: Display storage tubes

Rahmenspezifikation: Eine deutsche Version liegt zur Zeit nicht vor

Spécification intermédiaire: Tubes de visualisation à mémoire

Ta slovenski standard je istoveten z: EN 111100:1991

[SIST EN 111100:2002](https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aa9-0061808e8a73/sist-en-111100-2002)

<https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aa9-0061808e8a73/sist-en-111100-2002>

ICS:

31.100

Elektronke

Electronic tubes

SIST EN 111100:2002

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 111100:2002

<https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aaf9-0061808e8a73/sist-en-111100-2002>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 111100

December 1991

UDC

Descriptors: Quality, electronic components, tubes

English version

Sectional Specification:
Display storage tubes

Spécification intermédiaire:
Tubes de visualisation à mémoire

Rahmenspezifikation:
Eine deutsche Version liegt zur Zeit nicht vor*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 20 November 1991. The text of this standard consists of the text of CECC 111100 Issue 1 1984 of the corresponding CECC Specification. CENELEC members are bound to comply with CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the General Secretariat of the CECC or to any CENELEC member.

This European Standard exists in three official versions (English, French, German*). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CECC General Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

CECC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 111100:2002

<https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aaf9-0061808e8a73/sist-en-111100-2002>

Förderverein für Elektrotechnische Normung (FEN) e. V.
Cenelec Electronic Components Committee

CECC

English version



Harmonized System of Quality Assessment for
Electronic Components

SECTIONAL SPECIFICATION:

DISPLAY STORAGE
TUBES

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 111100:2002](https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aa99-4a018d83a79/sist-en-111100-2002)

<https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aa99-4a018d83a79/sist-en-111100-2002>
Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION INTERMEDIAIRE:

TUBES DE VISUALISATION
A MEMOIRE

1

Issue
Edition
Ausgabe

CECC 11100

1984

Contents

	Page
Foreword	iii
Section 1. Scope	1
Section 2. General	1
2.1 Order of precedence	1
2.2 Related documents	1
2.3 Units, symbols and terminology	1
2.4 Marking	1
Section 3. Quality assessment procedures	1
Section 4. Test and measurement procedures	1
4.1 Alternative test methods	1
4.2 Standard conditions for testing	1
4.3 Visual inspection	1
4.4 Dimensions	1
4.5 Raster scan requirements	1
4.6 Clearance procedure	1
4.7 Manual erase procedure	2
4.8 Electrical test and measurement procedures	2
4.9 Mechanical test and measurement procedures	9
4.10 Environmental test and measurement procedures	9
4.11 Endurance test and measurement procedures	9

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 111100:2002

<https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aaf9-0061808e8a73/sist-en-111100-2002>

Foreword

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby accepted by all member countries without further testing.

This specification has been formally approved by the CECC, and has been prepared for those countries taking part in the System who wish to issue national harmonized specifications for DISPLAY STORAGE TUBES. It should be read in conjunction with document CECC 00100: Basic Rules (1974).

At the date of printing of this document the member countries of the CECC are Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom. Copies of it can be obtained from the addressees shown on the blue fly-sheet.

Preface

This specification was prepared by CECC Working Group 11: Electro-optical devices.

In accordance with the requirements of document CECC 00100 it is based, wherever possible, on the Recommendations of the International Electrotechnical Commission. It is a sectional specification for display storage tubes relating to the generic specification CECC 11000.

The text of this specification was circulated to the CECC for voting in the document indicated below and was ratified by the President of the CECC for printing as a CECC Specification:

<https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aa9f-0001808e8a73/sist-en-111100-2002>

Document	Voting Date	Report on the Voting
CECC (Secretariat) 1081	December 1982	CECC (Secretariat) 1274

This specification will be supplemented by blank detail specifications applicable to each sub-family of display storage tubes.

The CECC Management Committee at its meeting in Copenhagen in March 1979 decided that as the German National Authorized Institution would not be implementing the requirements of this CECC sectional specification, the text should be published in the English and French versions only.

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 111100:2002

<https://standards.iteh.ai/catalog/standards/sist/ba75701a-d069-4f24-aaf9-0061808e8a73/sist-en-111100-2002>

Section 1. Scope

This document relates to display storage tubes of assessed quality.

Section 2. General

2.1 Order of precedence

Where any discrepancies occur for any reason, documents shall rank in the following order of authority:

- 1) the detail specification
- 2) the sectional specification
- 3) the generic specification
- 4) document CECC 00100 or any other international (for example IEC) documents to which reference is made.

The same order of precedence shall apply to equivalent national documents.

2.2 Related documents

The following document, and any other documents to which it may relate, is mandatory unless otherwise stated:

CECC 11000 (Issue 1) (1980) *Generic specification: Cathode Ray Tubes*

For information only:

IEC 151-24, *Methods of measurement of cathode-ray charge-storage tubes.*

2.3 Units, symbols and terminology

See 2.3 of CECC 11000.

2.3.1 Terminology

Terminology relevant to display storage tubes shall be taken from IEC 151-24, Section 2, Definitions.

The following additional term is defined for display storage tubes:

Backing electrode: The electrode upon which the storage surface is deposited

2.4 Marking

See 2.4 of CECC 11000.

Section 3. Quality assessment procedures

See Section 3 of CECC 11000.

Section 4. Test and measurement procedures

Paragraph	Title	Reference
4.1	Alternative test methods	See 4.1 of CECC 11000
4.2	Standard conditions for testing	See 4.2 of CECC 11000
4.3	Visual inspection	See 4.3 of CECC 11000
4.4	Dimensions	See 4.4 of CECC 11000
4.5	Raster scan requirements	See 4.5 of CECC 11000

4.6 Clearance procedure

Where the clearance procedure is required the following procedure shall be used:

- Remove the screen voltage, unless otherwise specified.
- Raise the voltage on the backing electrode to the same value as the collector voltage, or as specified.
- Hold for approximately half a second. Restore to former value.
- Restore the screen voltage. The screen will now be at maximum luminance.
- Allow five seconds for the storage surface potential to stabilise.